

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 11140 (1984): Foot Rest Assembly for Mopeds [TED 6: Automotive Body, Chassis, Accessories and Garage Equipments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

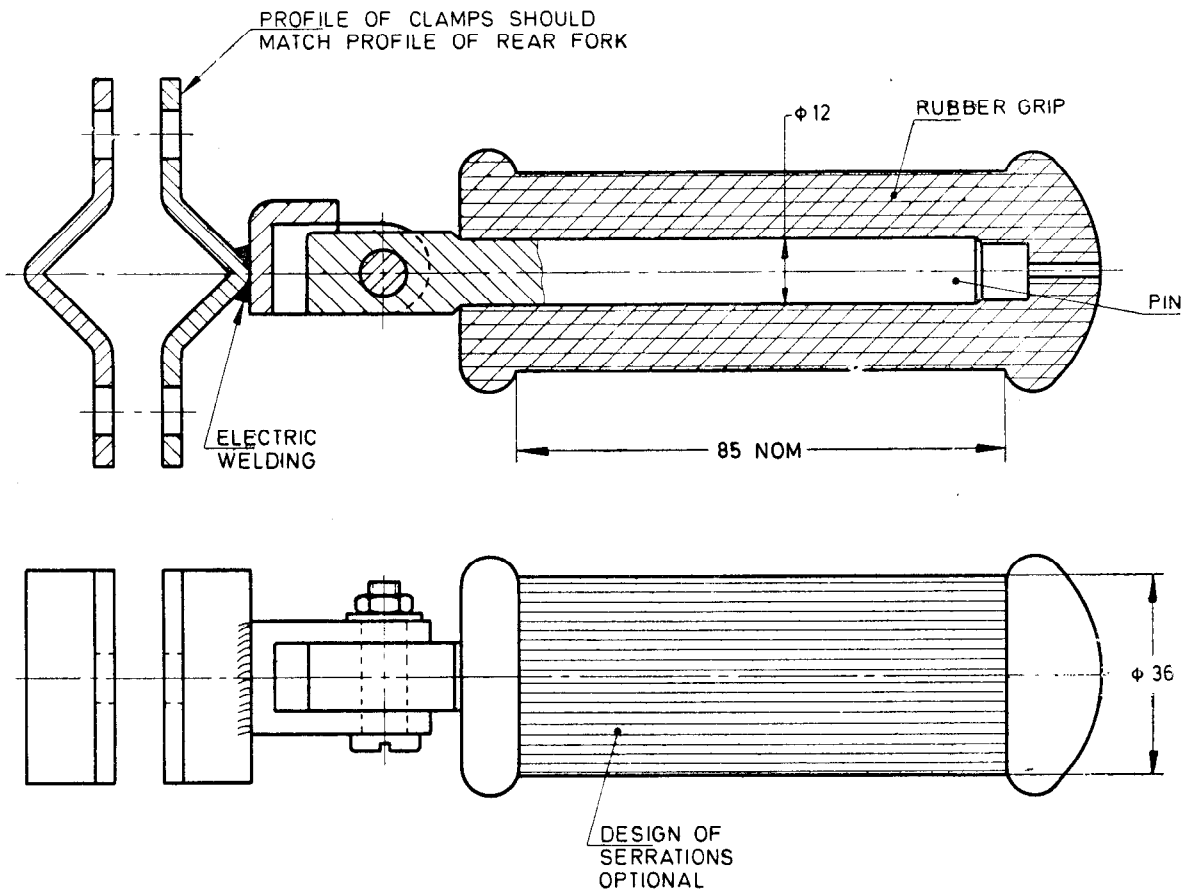
SPECIFICATION FOR FOOTREST ASSEMBLY FOR MOPEDS

1. Scope — Covers requirements of footrest assembly used in mopeds.

2. Materials — The material for the components shall conform to the following:

Tube	ERW of IS : 3074-1979 'Specification for steel tubes for automotive purposes (first revision)'
Pin	Class IV of IS : 1875-1978 'Specification for carbon steel billets, blooms, slabs and bars for forgings (fourth revision)'
Footrest rubber	Natural rubber
PVC	Class C of IS : 9766-1981 'Specification for flexible PVC compounds'
Washer	IS : 2016-1967 'Specification for plain washers (first revision)' IS : 5369-1975 'General requirements for plain and lock washers (first revision)'
Split pin	IS : 549-1974 'Specification for split pins (second revision)'
Nuts	IS : 1364 (Part 3)-1984 'Specification for hexagon head bolts, screws and nuts—Product grade A and B: Part 3 Hexagon nuts (size range M 1.6 to M 36) (second revision)'

3. Shape and Dimensions — The recommended shape and dimensions are given in Fig. 1. An alternate arrangement is shown in Fig. 2.



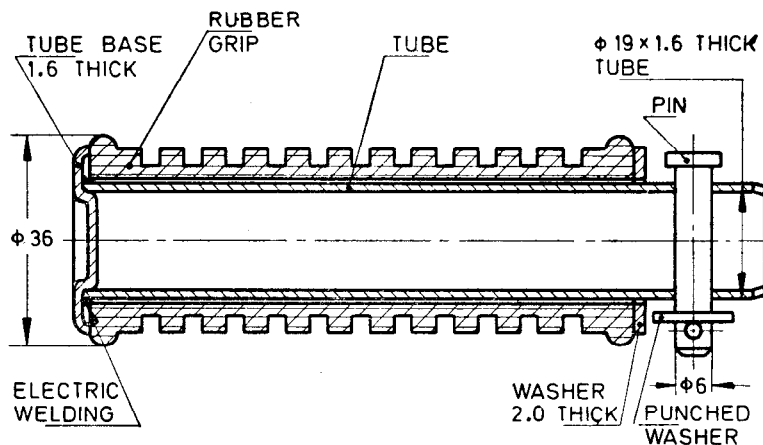
All dimensions in millimetres.

FIG. 1 FOOTREST ASSEMBLY, PIN TYPE

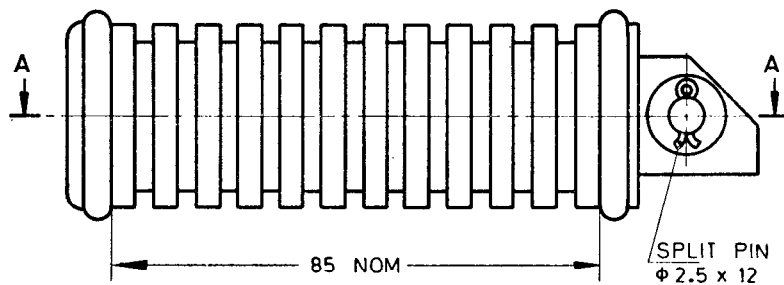
Adopted 9 November 1984

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SECTION AA



All dimensions in millimetres.

FIG. 2 FOOTREST ASSEMBLY, TUBE TYPE (ALTERNATE ARRANGEMENT)

4. General Requirements — The shore hardness of rubber shall be between 60 to 70. The tube or pin shall be finished smooth, free of burrs and sharp edges. The footrest rubber surface shall have serrated or chequered patterns for effective gripping. The component design/assembly shall ensure compliance with 6.

5. Finish — The tube or pin shall be zinc-plated to service condition No. 2 of IS : 1573-1970 'Specification for electroplated coatings of zinc on iron and steel (first revision)'. If agreed to between a purchaser and supplier, suitable chemical colouring may be given to all exposed components against corrosion.

6. Tests — A complete footrest assembly shall be subjected to at least 6 000 cycles of opening and closing operations. At the end of the test the assembly shall not indicate any failure. The clamping arrangement to the rear fork shall be tightened to a torque of at least 10 Nm.

7. Packing — Shall be as per best prevalent trade practices.

8. Marking — The footrest assembly shall bear the manufacturer's name or trade-mark and any other marking as decided by the purchaser.

8.1 ISI Certification Marking — Details available with the Indian Standards Institution.

9. Sampling — Unless otherwise specified, the sampling scheme shall be according to IS : 2500 (Part 1)-1973 'Sampling inspection tables: Part 1 Inspection by attributes and count of defects (first revision)'.

EXPLANATORY NOTE

This standard is one in the series of Indian Standards for mopeds. The subject of footrest assemblies was taken up in view of the safety and riding comfort involved for both the rider and the pillion rider in case of dual seat mopeds. The illustrations shown are typical as sheet metal foot boards are also being used for pillion riders.